

AKW

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/647,481
Source: PCT09
Date Processed by STIC: 7/24/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/647,481

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 Skipped Sequences
 (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 Skipped Sequences
 (NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 Use of <220>
 - - - - - Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



Does Not Comply PCT09
Corrected Diskette Needed

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/647,481

DATE: 07/24/2002
TIME: 11:25:53

Input Set : A:\SEQLIST.txt
Output Set: N:\CRF3\07242002\I647481.raw

```

2 <110> APPLICANT: Ahmad, Sultan
3 Hoffert, Cyrla
4 O'Donnell, Dajan
5 Pelletier, Manon
6 Walker, Philippe
8 <120> TITLE OF INVENTION: B1C3 G Protein-Coupled Receptor
W--> 9 <130> FILE REFERENCE: walker 6
W--> 10 <140> CURRENT APPLICATION NUMBER:
C--> 11 <141> CURRENT FILING DATE: 2000-09-29
W--> 12 <160> NUMBER OF SEQ ID: 6
13 <170> SOFTWARE: PatentIn Ver. 2.0

```

ERRORED SEQUENCES

```

W--> 14 <210> SEQ ID NO: 1
15 <211> LENGTH: 400
16 <212> TYPE: PRT
17 <213> ORGANISM: Rat
W--> 18 <400> SEQUENCE: 1
19 Met Glu Ser Gly Leu Leu Arg Pro Ala Pro Val Ser Glu Val Ile Val
20 1 5 10 15
21 Leu His Tyr Asn Tyr Thr Gly Lys Leu Arg Gly Ala Arg Tyr Gln Pro
E--> 22 20 25 30
23 Gly Ala Gly Leu Arg Ala Asp Ala Ala Val Cys Leu Ala Val Cys Ala
E--> 24 35 40 45
25 Phe Ile Val Leu Glu Asn Leu Ala Val Leu Leu Val Leu Gly Arg His
E--> 26 50 55 60
27 Pro Arg Phe His Ala Pro Met Phe Leu Leu Leu Gly Ser Leu Thr Leu
E--> 28 65 70 75 80
29 Ser Asp Leu Leu Ala Gly Ala Ala Tyr Ala Thr Asn Ile Leu Leu Ser
E--> 30 85 90 95
31 Gly Pro Leu Thr Leu Arg Leu Ser Pro Ala Leu Trp Phe Ala Arg Glu
E--> 32 100 105 110
33 Gly Gly Val Phe Val Ala Leu Ala Ala Ser Val Leu Ser Leu Leu Ala
E--> 34 115 120 125
35 Ile Ala Leu Glu Arg His Leu Thr Met Ala Arg Arg Gly Pro Ala Pro
E--> 36 130 135 140
37 Ala Ala Ser Arg Ala Arg Thr Leu Ala Met Ala Val Ala Ala Trp Gly
E--> 38 145 150 155 160
39 Leu Ser Leu Leu Leu Gly Leu Leu Pro Ala Leu Gly Trp Asn Cys Leu
E--> 40 165 170 175
41 Gly Arg Leu Glu Ala Cys Ser Thr Val Leu Pro Leu Tyr Ala Lys Ala

```

Amino numbering
misaligned, see error
summary sheet item 2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/647,481

DATE: 07/24/2002
TIME: 11:25:53

Input Set : A:\SEQLIST.txt
Output Set: N:\CRF3\07242002\I647481.raw

E--> 42 180 185 190
 43 Tyr Val Leu Phe Cys Val Leu Ala Phe Leu Gly Ile Leu Ala Ala Ile
 E--> 44 195 200 205
 45 Cys Ala Leu Tyr Ala Arg Ile Tyr Cys Gln Val Arg Ala Asn Ala Arg
 E--> 46 210 215 220
 47 Arg Leu Arg Ala Gly Pro Gly Ser Arg Arg Ala Thr Ser Ser Ser Arg
 E--> 48 225 230 235 240
 49 Ser Arg His Thr Pro Arg Ser Leu Ala Leu Leu Arg Thr Leu Ser Val
 E--> 50 245 250 255
 51 Val Leu Leu Ala Phe Val Ala Cys Trp Gly Pro Leu Phe Leu Leu Leu
 E--> 52 260 265 270
 53 Leu Leu Asp Val Ala Cys Pro Ala Arg Ala Cys Pro Val Leu Leu Gln
 E--> 54 275 280 285
 55 Ala Asp Pro Phe Leu Gly Leu Ala Met Ala Asn Ser Leu Leu Asn Pro
 E--> 56 290 295 300
 57 Ile Ile Tyr Thr Phe Thr Asn Arg Asp Leu Arg His Ala Leu Leu Arg
 E--> 58 305 310 315 320
 59 Leu Leu Cys Cys Gly Arg Gly Pro Cys Asn Gln Asp Ser Ser Asn Ser
 E--> 60 325 330 335
 61 Leu Gln Arg Ser Pro Ser Ala Val Gly Pro Ser Gly Gly Leu Arg
 E--> 62 340 345 350
 63 Arg Cys Leu Pro Pro Thr Leu Asp Arg Ser Ser Pro Ser Glu His
 E--> 64 355 360 365
 65 Ser Cys Pro Gln Arg Asp Gly Met Asp Thr Ser Cys Ser Thr Gly Ser
 E--> 66 370 375 380
 67 Pro Gly Ala Ala Thr Ala Asn Arg Thr Leu Val Pro Asp Ala Thr Asp
 E--> 68 385 390 395 400

114 <210> SEQ ID NO: 6
 115 <211> LENGTH: 19
 116 <212> TYPE: DNA
 117 <213> ORGANISM: PCR primer

W--> 118 <400> SEQUENCE: 6
 119 caggagcagg ccaaacagg

19

W--> 122 ??
 W--> 123 (... continued)
 W--> 125 (... continued)

E--> 128 30044116v1

delete

misaligned numbering

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/647,481

DATE: 07/24/2002
TIME: 11:25:54

Input Set : A:\SEQLIST.txt
Output Set: N:\CRF3\07242002\I647481.raw

L:9 M:283 W: Missing Blank Line separator, <130> field identifier
L:10 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:12 M:283 W: Missing Blank Line separator, <160> field identifier
L:14 M:283 W: Missing Blank Line separator, <210> field identifier
L:18 M:283 W: Missing Blank Line separator, <400> field identifier
L:22 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
M:332 Repeated in SeqNo=1
L:74 M:283 W: Missing Blank Line separator, <400> field identifier
L:100 M:283 W: Missing Blank Line separator, <400> field identifier
L:106 M:283 W: Missing Blank Line separator, <400> field identifier
L:112 M:283 W: Missing Blank Line separator, <400> field identifier
L:118 M:283 W: Missing Blank Line separator, <400> field identifier
L:122 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:123 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:123 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:2
L:125 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:125 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:2
L:128 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:128 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:20 SEQ:6
L:128 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:8
L:128 M:112 C: (48) String data converted to lower case,
L:128 M:252 E: No. of Seq. differs, <211> LENGTH:Input:19 Found:20 SEQ:6